Illumination in Architecture


The meeting of the Architectural Engineering Society which had been planned for two months, took place last evening at eight o'clock in 1101 Boylston Street. Prof. H. E. Clifford of Harvard University, Prof. Clifford was formerly head of the electrical engineering department at the Institute and has made a specialty of illumination. In opening his talk, he stated that he was to a large extent ignorant of architecture, but that he did know the difference between the Ionic order and the Ionic theory. The question of illumination and its relation to architecture is very close. Many examples of otherwise excellent building which have been spoiled by poor illumination are given, and the question of light and its relation to architecture are discussed. The topic is taken up by Prof. H. B. Gardner, of the department. Mr. C. H. Hopkins, president of the Architectural Engineering Society, introduced Prof. Clifford.

The first tickets for "Yish-ka-bibble" were sold last evening at eight o'clock. The first opportunity will be given the students for the privilege of getting into the hands of the acts to be presented as brought to the Thursday performance. This was largely due to the efforts of Mr. Howard, of the Boston municipal engineering society, who wish to make himself known in support of Athletics; others that a man should be expected to play it. The students the First Time.

The class in Second Year English will meet with Mr. Reyher on Friday, Feb. 20, at twelve o'clock. Expecting a large crowd at the meeting this noon. This afternoon at four o'clock the class in Second Year English will meet with Mr. Reyher on Friday, Feb. 20, at twelve o'clock.

T. C. A. Meeting

Bursar Ford To Appear Before Students the First Time.

The speaker at the T. C. A. meeting today was Mr. Ford. The meeting in the Union this afternoon at 1:30 will be the new Bursar at the Institute, Mr. Horace S. Ford. This will be the second talk of the second term. Mr. Ford has chosen for the topic of his talk "Self-Service or Some Other Kind," and today's talk will mark the first appearance of the Bursar before the student-body. The T. C. A. expects a large crowd at the meeting this noon.

Faculty Notices

Second Year.

Section 2 of Course I will have its hour for Precision of Measurements changed on Thursday from two to three o'clock and will recite in Room 21 Rogers.

The class in Second Year English for Foreign Students will meet Monday and Tuesday at 8 a.m. Students the First Time. This afternoon at four o'clock the class in Second Year English will meet with Mr. Reyher on Friday, Feb. 20, at twelve o'clock.

Calendar

Thursday, February 19, 1914.

1:30—T. C. A. Meeting, New Bursar Speaks. Union.

6:30—Lynn Club, Union, Room B.

8:30—Sophomore Governing Board Meeting, 21 Rogers.

5:00—Skating Club Practice, First Corps Cadets Armory, Columbus Avenue.

4:30—Meeting of Technique 1914 and President of the class, address of the meeting and give them some idea of their duties and methods of procedure. The names of the permanent members of the class will be taken up, and as soon as possible, probably at the next meeting, the committee will proceed to the next meeting—the election of Technique 1914 board. In order that the affairs of the committee may be facilitated as much as possible, a full attendance is especially requested at the first meeting.

Establishment of Calendar System

Union Committee Has Established a File of Dates of Institute Activities.

The Union Committee has now established a system of recording and filing in advance the meetings and other events of all the Institute activities. This system will make it impossible for any serious conflict to take place in the arrangement of dates for the stunt of any organization.

Cards have been sent to the secretaries of every organization which participates in the activities which concern the whole or only a few of the student body. The cards, on which space is provided for the name of the organization, also the date and place of meeting, are to be filled out and placed on file in the Union at the time of the meeting. The file will be kept in advance of the event which is to take place.

This file is to serve as a calendar of Institute happenings and it is proposed to keep this calendar for at least two months in advance. This surely gives every organization an opportunity to choose dates which will not conflict with the date set by some other Institute activity.

This will have access to the notice board the week in advance of the event. In fact, this TECH will refuse to give publicity in advance to any event which has not been properly placed on file with the Union Committee.

This system will surely fill a long felt need for the regulation of the various happenings in the Institute and its success depends absolutely on the cooperation of every activity.

Weather

Boston and vicinity—Thursday unsettled with rising temperature; moderate variable winds.


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THE TECH SPIKES.

The Hare and Hound Club will hold its annual meeting in 8 Engineering at 1:30 next Wednesday noon. The election of officers and discussion of plans for the coming season will feature the meeting.

The annual Freshman Sophomore Cross Country Race will be held on March 28. The following Saturday is the day set for the lower class Track meet.

Couch Moskely of Cornell has 140 candidates out for Track. The men are to a large extent fresh material as many of last year's team have been lost through graduation.

The Purdue Exponent's Athletic Editor seems to think that Pennsylvania is rated lower for Track and Field Champs this year. He bases his statement on the general loss of stars by the other colleges. Although it is rather premature to forecast for early in the season the outlook at present certainly justifies his conclusion.

There was a total of 1137 students engaged in different branches of athletics at Michigan last fall.

The women of the University of California have seriously taken up track athletics. The reports do not specify if there is general admission to the track events, but with the new rules we may expect some competition.

CHESS CLUB

The Executive Committee of the Chess Club yesterday voted to try a system of rating in order to keep on record whether he reads THIS TECH or not: above all, every activity will know just where it stands, and we have a fool-proof and blunder-tight defense against the conflicting events which have been so common.

It ought not to be necessary to urge that the Union Committee has put into operation, supplies a cry.

NEWS STAFF

Eight H. Parker, '17; G. H. Stebbins, '17.

BAKERSTAFF


F. R. KNELAND, BUSINESS STAFF


At last we have seen the end of time conflicts between undergraduate happenings. The system of calendar cards described in another part of this issue, which the Union Committee has put into operation, supplies a crying need of many years' duration.

The Committee certainly deserves the highest praise for the way in which the problem has been solved. The Calendar is just the information necessary, to meet conflicts and presentable form; the conspicuous calendar in the Union will enable everyone to keep on record whether he reads THIS TECH or not: above all, every activity will know just where it stands, and we have a fool-proof and blunder-tight defense against the conflicting events which have been so common.

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Mr. H. C. Gawler, the radio inspector for this district, addressed the society. He had with him a wireless telephone and a decretometer, which he demonstrated. He described cheap methods of tuning, giving a practicable method for amateurs. Mr. Gawler stated that he would not attempt to prosecute anyone who did not comply with the law who did not become a nuisance.

At the end of his talk the meeting was thrown open to general discussion. Many questions were asked, especially with regard to amateur apparatus, which were answered very satisfactorily by the speaker.

The next meeting, which is to be held March 14, Mr. W. H. Bishop, the inventor of a wireless telephone and other wireless apparatus, will present a lecture on the ampliphone, his latest invention. This is a very marvelous instrument, increasing the radius of the station over ten times without increasing the expenses of operation. He has promised to explain the construction of the ampliphone in complete detail.

OPEN A TAPE TO WIRELESS SOCIETY

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The Secret of Good Batting

It is similar to the secret of good business—it happens to some and just misses the other. If there ever was a commercial home run it's Fatima, the Turban-blend cigarette. The guy who conceived this blend was some bat! Fatima was first lined out in the college town—the student body quickly proclaimed them winners. Today Fatima is the biggest selling cigarette in this country.

The secret is—pure, good, choice tobacco—no expense in the package—quality all in the smoke—"Twenty."
The Technology Union Dining Room is conducted on a co-operative basis for the benefit of the students of the Massachusetts Institute of Technology. It serves wholesome food at the lowest possible prices, and furnishes employment to students.

42 Trinity Place

All Goods Required by Students at Maclachlan's

502 Boylston Street

Drawing Instruments and Materials, Fountain Pens, Text Books

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Tech Bowling Headquarters

Established 1898

Opportunity

Two minutes' walk from all Tech Buildings. Unexcelled facilities; most fastidious Bowler can enjoy this fascinating and healthful pastime. Alleys reserved and screened for private parties. Come in and enjoy a little fun and exercise between periods.

A home-like, first-class hotel, proud of New England traditions, offering to those who wish to write librettos, but who are not familiar with the technical details, a chance to be all talks by Mr. Carb, to be followed by a talk on lyric writing by Mr. H. M. Rogers.

At the end of the series of talks each man who has taken the course may write a libretto and submit it to Mr. Carb, who will make suggestions for its improvement. If the author wishes he may then revise his work and enter it in the Tech show competition next year.

AARCHITECTURAL SOCIETY (Continued from Page 1.)
day, does not solve the lighting problem. In such a system the ceiling is the lightest spot in the room. The impression formed under such conditions is cramped or depressing. An other bad effect is that attention is often directed to points where it is not wanted. Thus in department stores, making use of indirect lighting, customers do not look at the goods, but at the ceiling or other particularly bright points. A perfect indirect system eliminates shadows and shadows are essential for artistic effects.

The semi-direct system is the solution of the problem. The architect as a general thing pays too little care to the outlets and other provisions for wiring and hence much otherwise useless tearing-out in construction work is unnecessary. There are many mistakes common everywhere, such as bare filaments producing a glare in the eyes, poor direction of the light, use of the wrong kind of light, etc.

An architect must have a knowledge of the possibilities of different light sources and must consider the purpose of the illumination in his problem. Prof. C. Howard Walker, of the institute, said that his opinion of architecture is that “architecture is an art, first, last and always, straight through and that art is ‘doing a thing just as well as is possible.’” He spoke particularly of the advantage obtained by the use of separate light sources, especially in the diffusion obtained. His opinion of the subject was that design is the important thing and that other factors are subordinate. Lighting systems must be planned with a consideration as to whether their purpose is effect or efficiency. Finally, the element of success in the lighting problem is a judicious use of all knowledge obtainable “plus experiment.”


Boston Society of Architects Prizes.

Class of 1904 Competition. Competitors: 5 regular students, 6 special students. Jury of award: Messrs. Newhall, Greeley, Clapp, Hoyle and Gray.


Special Prize, F. S. Whitten. No Mention.

Old Educational Building Room

Saint Botolph Street

Mrs. H. O. Hanson, Prop.

10 Meal Ticket $4.50 14 Meal Ticket $3.50 7 Dinners $2.50 7 Luncheons $1.50 Breakfast 30c Luncheon 30c Dinner 40c

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Canes with cigar lighter (within) $2.00
Canes with silk umbrella (within) 5.00
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Midget silk umbrellas 5.00 and 5.00
Superb NECKTIES from $3.00 to $5.00

637 Washington St. Under Gaiety Theatre

TWO STORES 659 Washington St.

The New No. 5 Printype Oliver Typewriter makes an ideal machine for students’ use. It is a marvel of simplicity, durability and ease of operation. Printype your notes and they will be twice as valuable to you. Easy terms if desired.

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THE BEAUTY SHOP

HOLLIS ST. THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE NEW HENRIETTA

PARK THEATRE
Evga. 8.10. Mat. Wed. & Sat. at 2
THE ARGYLE CASE

BOSTON THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
WAY DOWN EAST
Prices 25c to $1.50.

COLONIAL THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE DOLL GIRL

PLYMOUTH THEATRE
Evga. 8.15. Mat. Thurs. & Sat. at 2
UNDER COVER

MAJESTIC THEATRE
Evga. 8.15. Mat. Wed. and Sat. at 2
WINDSOR THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE WEDDING NIGHT

CASTLE SQUARE THEATRE
Daily at 2.10 and 8.10.

STOP THIEF

AT THE

BUY-A-TICKET
(Continued from Page 1.)

those who are to dispose of them. And a remarkable array of men has been chosen to do this very necessary work. In fact they are all as talented along the line of selling tickets as are the performers in the vaudeville along their lines. Each ticket-seller is a wonder and any undergraduate who will succeed in dodging them and avoiding buying one of their pastebands will certainly be in line as a candidate for a Carnegie hero medal.

But let it be stated right here that it is hoped that no student will at attempt to become a candidate for any such honor. It is only by and with the cooperation of the entire student body that "Yish-ka-hibble" can be made enough of a success to have made it worth while the giving. The only way that approximately 50 per cent of the student-body can cooperate in this undertaking is to buy one or more tickets. So when each man is approached let him dig down in his jeans and come forward with the required price. Don’t wait and say, "I promised So-and-so," but buy from the first man that is seen with tickets for sale. It doesn’t make any difference from whom the ticket is bought—the whole issue is "BUT A TICKET.

Tomorrow the text of the story concerning "Yish-ka-hible" will be the details of the various acts. Information of a general nature has already been given and more intimate knowledge of the entertainment will be presented tomorrow so that no one will be able to resist the temptation to buy a ticket when they go on sale Saturday.

Boston Opera House

CONCERTS, 7 to 11:30, THE MUSICAL COMEDY "YISH KABBALAH," AMENDED, HINEKOSHA, LULLABY, JACOBY-TINE, LINDER, WITHERSPOON, LEONARDi, UMB, ANDRE-CAPLET.

WED., 8 to 10:30, THE LAST NIGHT THE AMERICAN OPERA SINGERS AND KAHN. TWO AMERICAS, TAUROU, MARCELO, MARCAIS, GRIFFITH, MARITON, MARCUSE, ANDRE-CAPLET.

FRI., 5 to 11, FIRST NIGHT THIS AMERICAN OPERA SINGERS AND KAHN. TWO AMERICAS, TAUROU, MARCELO, MARCAIS, GRIFFITH, MARITON, MARCUSE, ANDRE-CAPLET.

SAT., 5 to 11, ONLY TIME THIS SEASON, ANSON, HAYES, GARDEN, MARACAS, DOUGLAS, MARDON, UMB, BIRNEY.

SAT., 8 to 10:30, Prices 60c to $5.
MAKE BUTTERFLY, MAGGIE TURLE, MARY MARIA, MOLITTO, BLANDSLEY, UMB, MARDON, ANSON, TAUROU, MARCELO, MARCAIS, GRIFFITH, MARITON, MARCUSE, ANDRE-CAPLET.

SAT., 8 to 11, Prizes 50c to $1.
BEAUTIFUL, MAGGIE TURLE, MARY MARIA, MOLITTO, BLANDSLEY, UMB, MARDON, ANSON, TAUROU, MARCELO, MARCAIS, GRIFFITH, MARITON, MARCUSE, ANDRE-CAPLET.

SAT., 10 to 11, Prizes $5 to $5.
MAKE BUTTERFLY, MAGGIE TURLE, MARY MARIA, MOLITTO, BLANDSLEY, UMB, MARDON, ANSON, TAUROU, MARCELO, MARCAIS, GRIFFITH, MARITON, MARCUSE, ANDRE-CAPLET.

TO RENT—Double and single rooms for Tech students. House entirely refurnished, continuous hot water, 154 Huntington Ave.

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Second Floor

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For Sale at the Union
SOMETHING NEW
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Special dishes served for two at moderate prices.
For banquets large or small see Mr. Hyams.

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The Best of Everything
Splendid Service
Reasonable Prices
Our special 40c and 50c lunches are very popular
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Open evenings to 9 o’clock.

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A satisfying as the sounding smack of the perfect drive, is the open-air relish of the perfect smoke—Tuxedo. Both go together, too. When you grab your bag and start for the links, grab up your tin of Tuxedo and take it along.

"Follow through" the snappy afternoon with Tuxedo. Put Tuxedo in your pipe and you will "put" the best. And at "the nineteenth hole" rest up and relax with a good, solid smoke of Tuxedo. That’s the advice of good golfers everywhere.

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Tuxedo positively cannot bite—not even if you smoke pipeful after pipeful, as many as you can crowd into a day or a week.

Tuxedo is made of only the finest, choicest, selected leaves of perfectly aged Burley tobacco. It is made by the original "Tuxedo Process," which removes every trace of bite and sting and develops all the wonderful mildness, fragrance and flavor of the Burley Leaf in a way that no other brand of tobacco has ever successfully imitated.

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